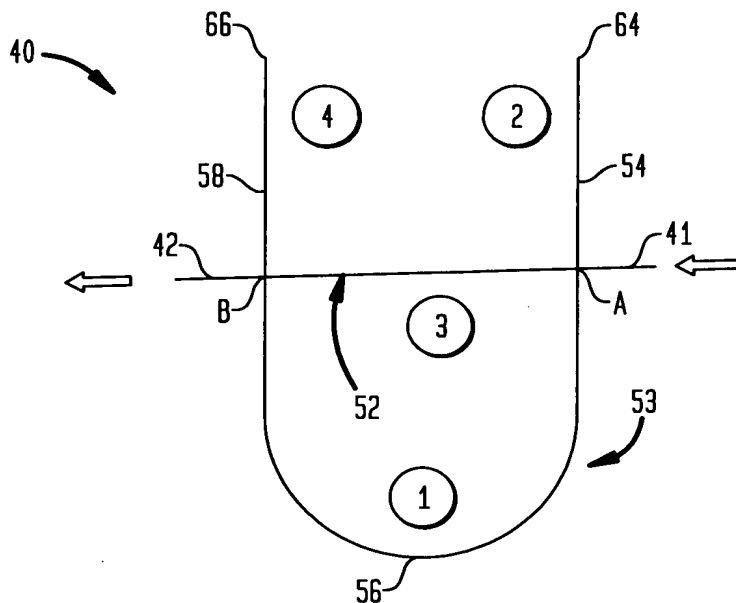




2002P16918US01

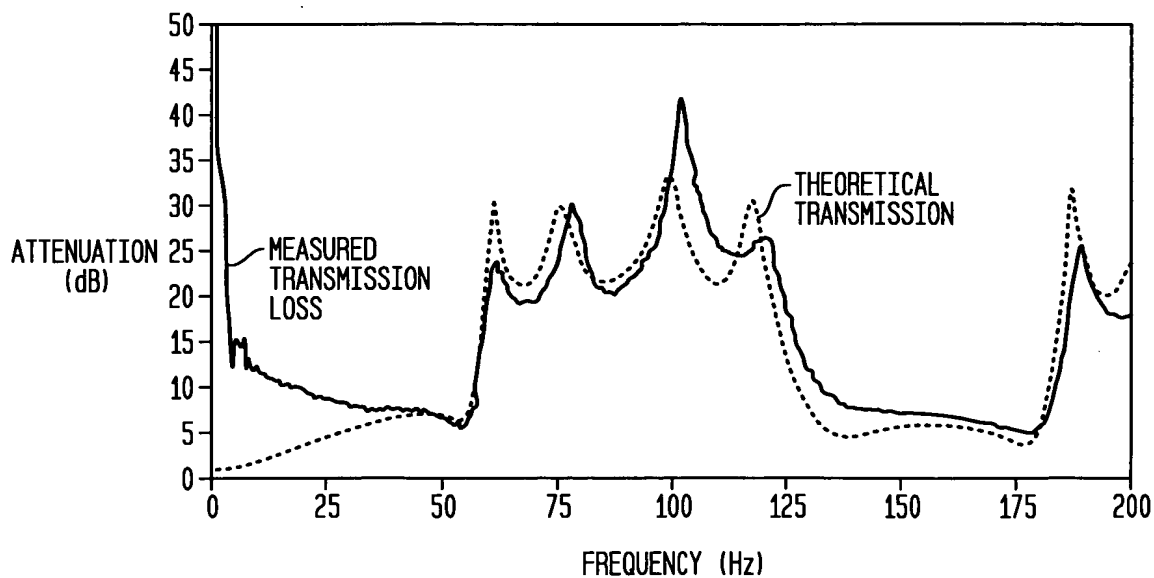
1/9

**FIG. 1**

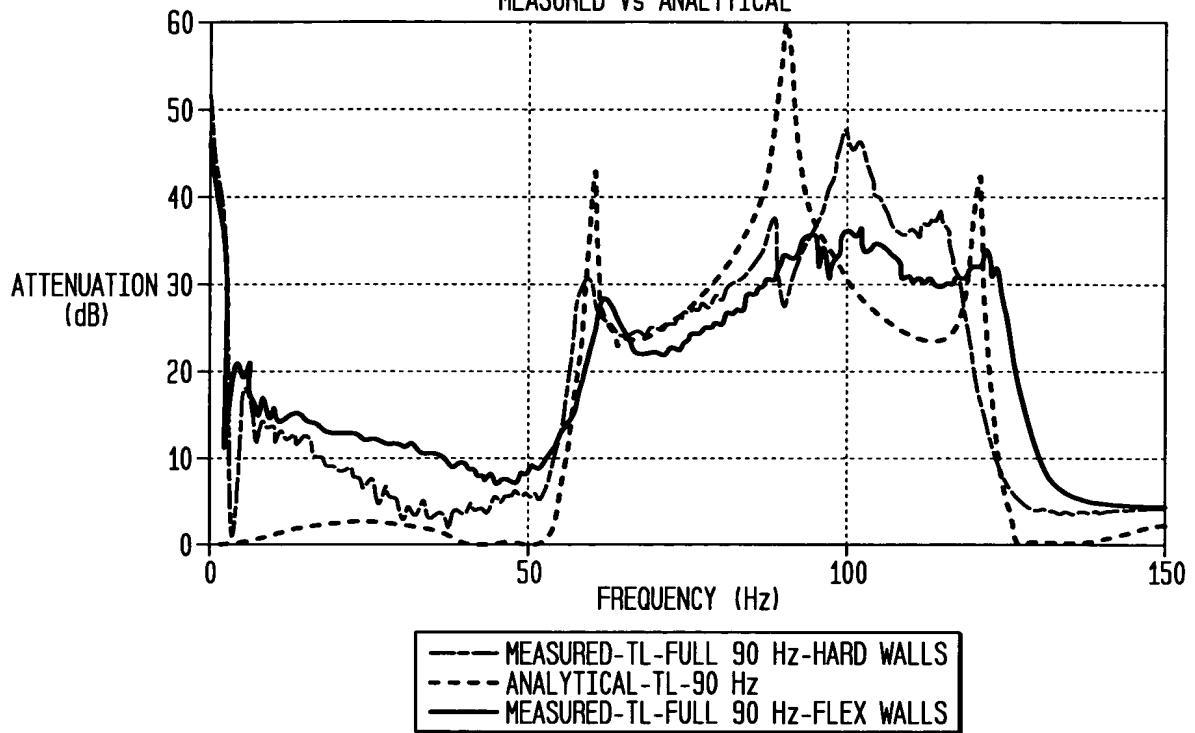
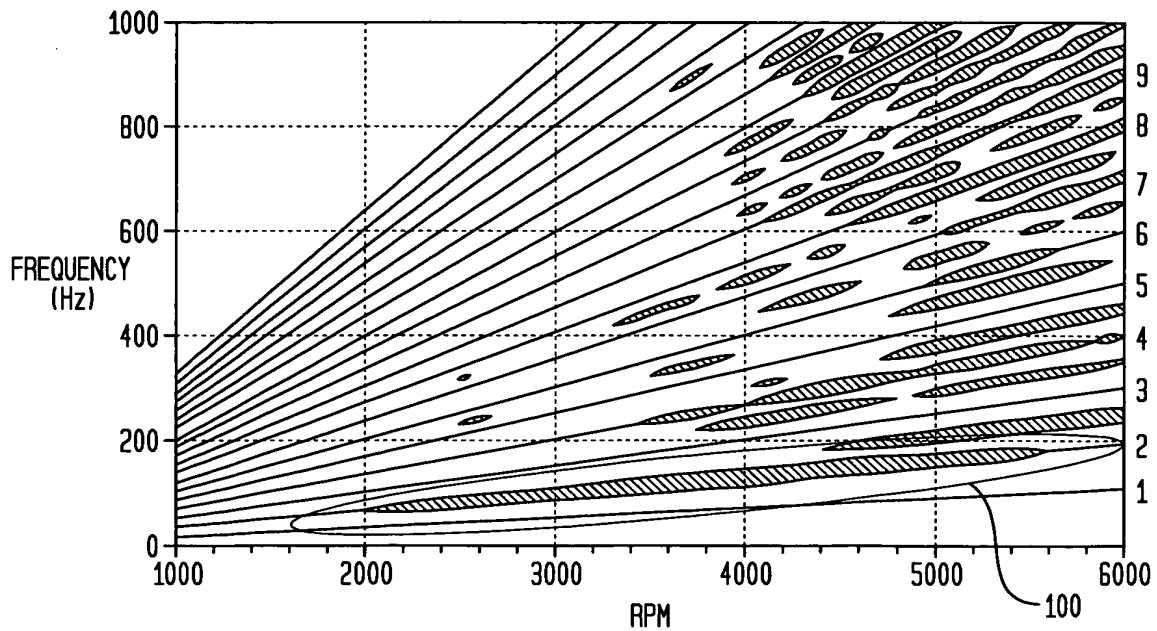


**FIG. 2**

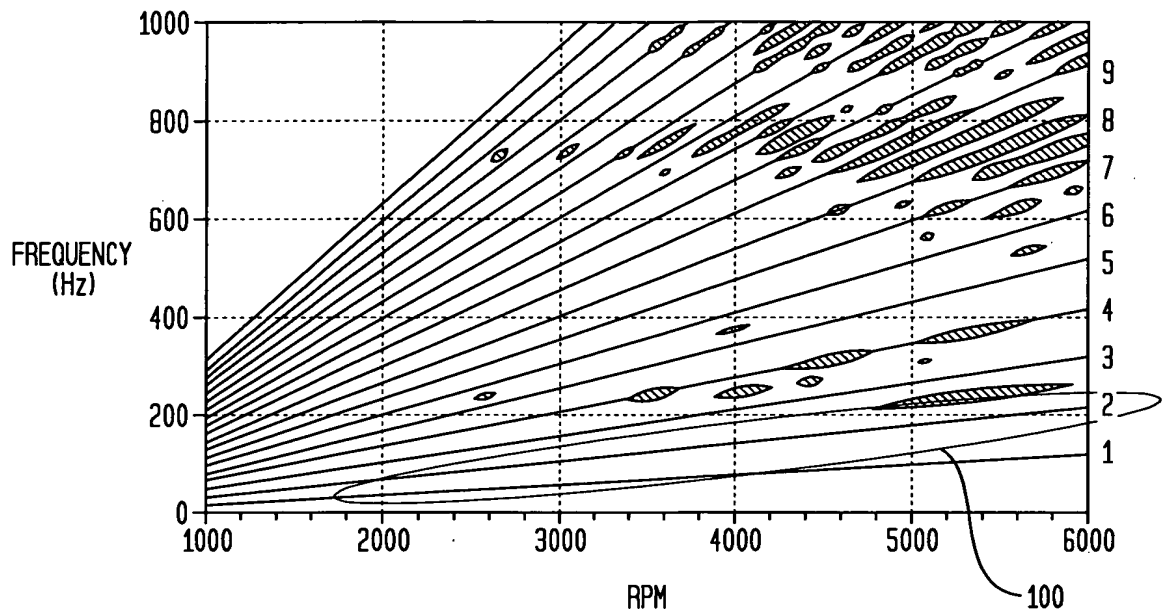
TRANSMISSION LOSS OF OPTIMIZED ACCOUSTIC NOTCH FILTER  
OPTIMIZATION BANDWIDTH: 60 Hz - 120 Hz; CENTER FREQUENCY 90 Hz



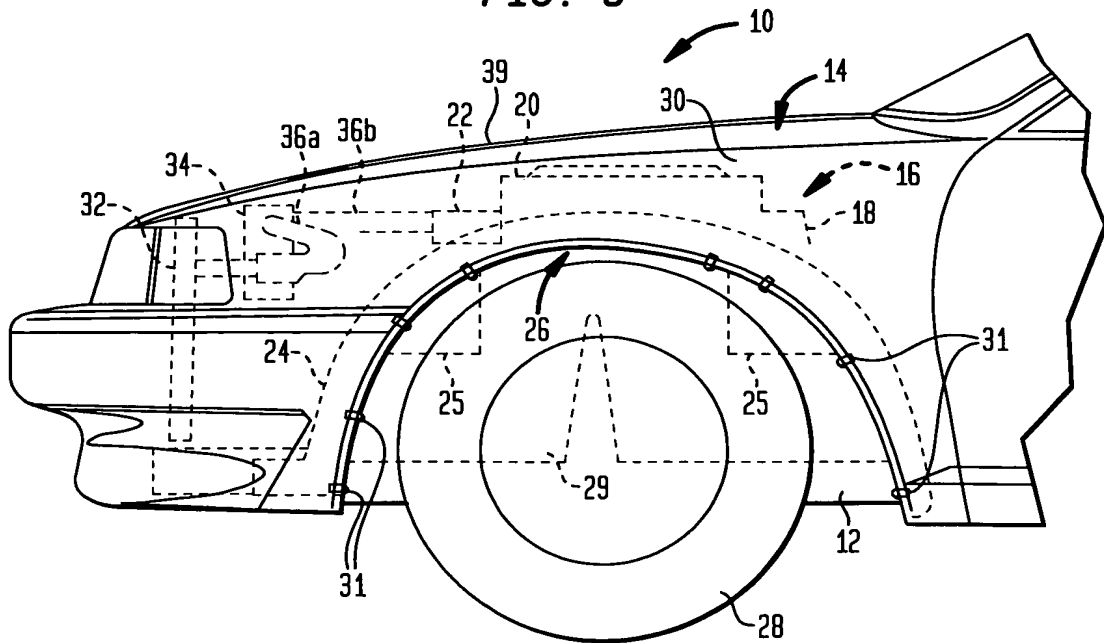
2/9

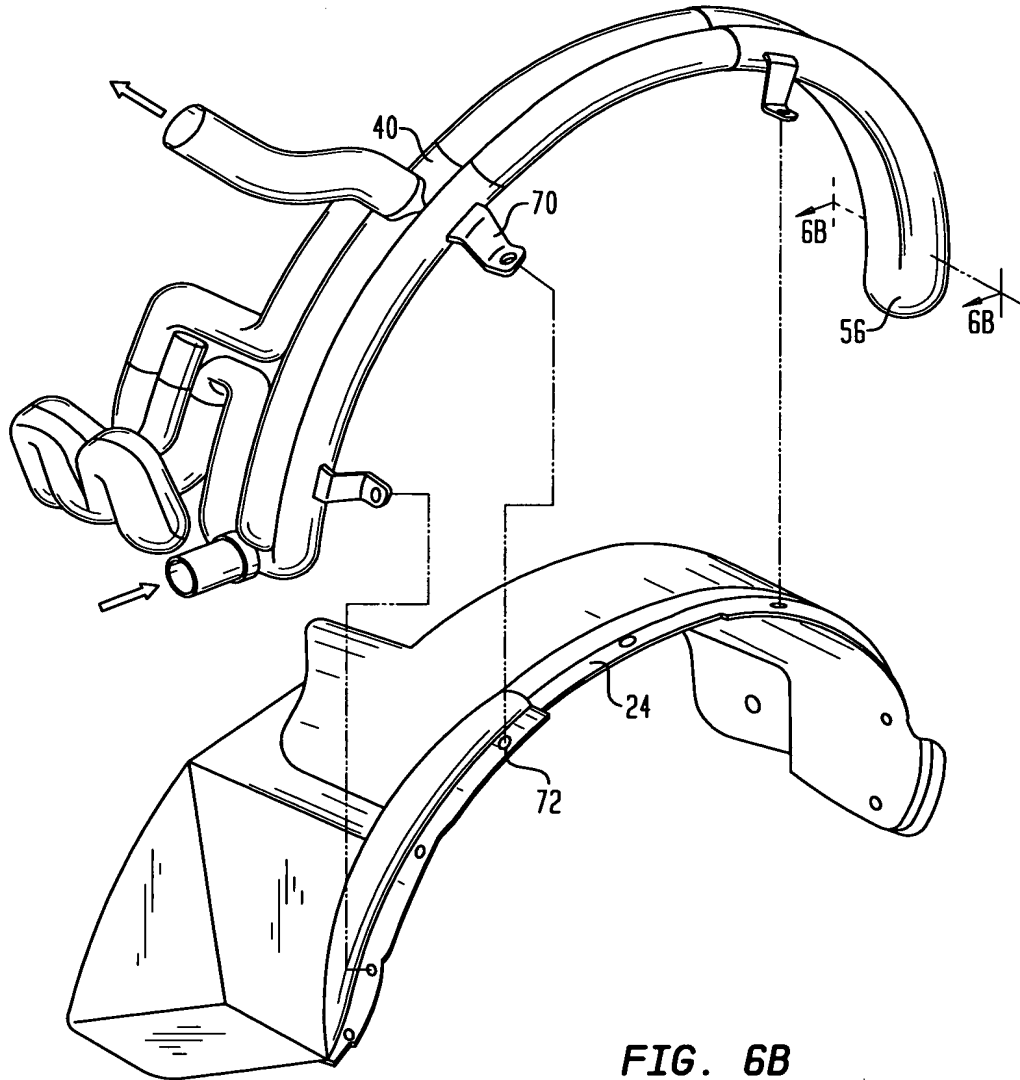
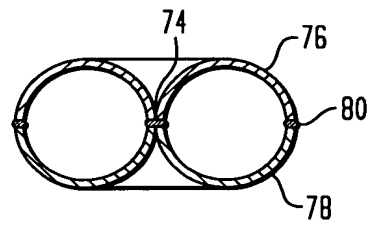
**FIG. 3**TRANSMISSION LOSS: 90 Hz HERSCHEL-QUINCKE TUBE  
MEASURED Vs ANALYTICAL**FIG. 4A**

**FIG. 4B**

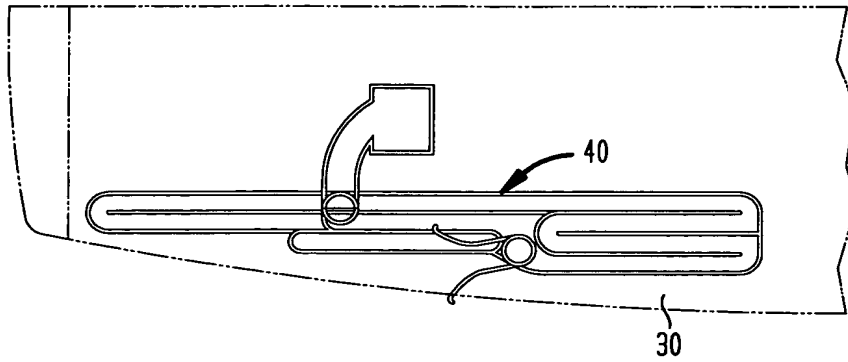


**FIG. 5**

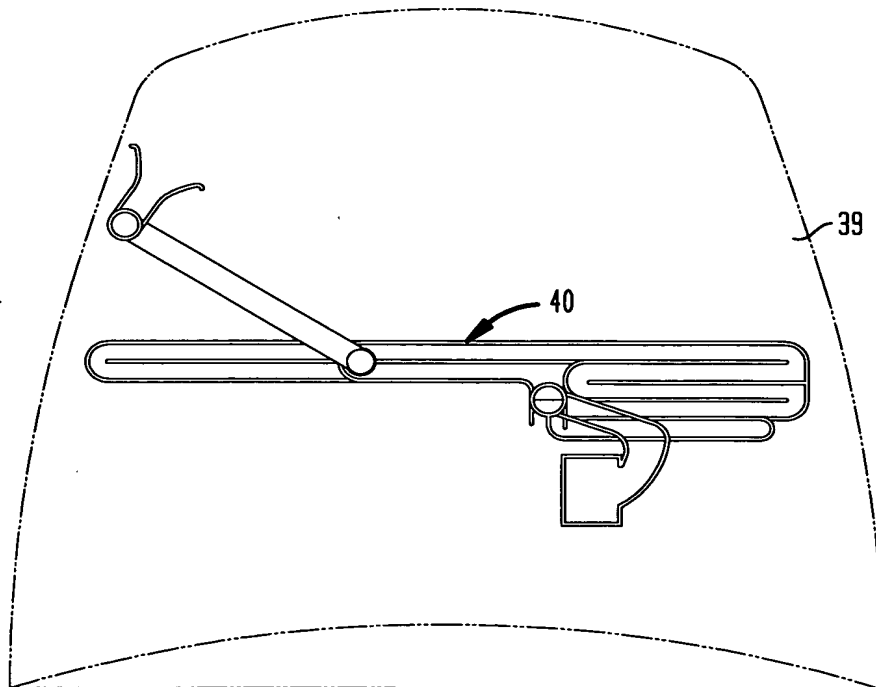


**FIG. 6A****FIG. 6B**

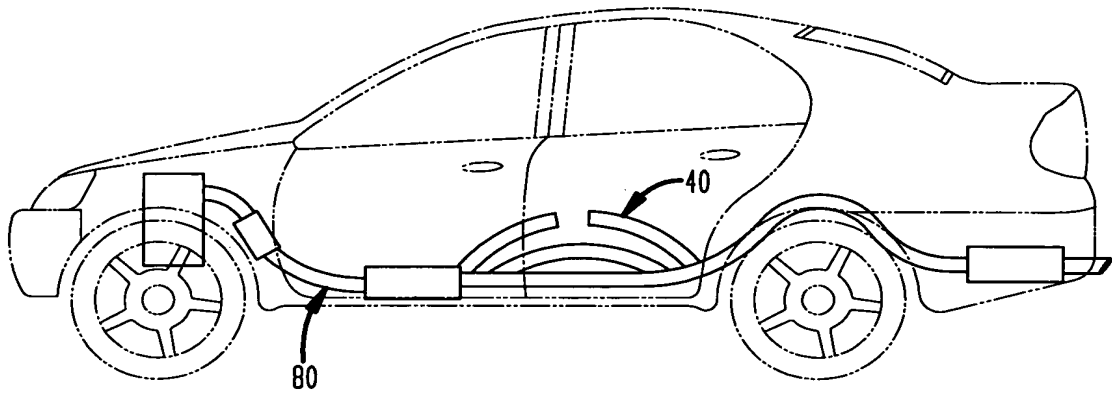
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**

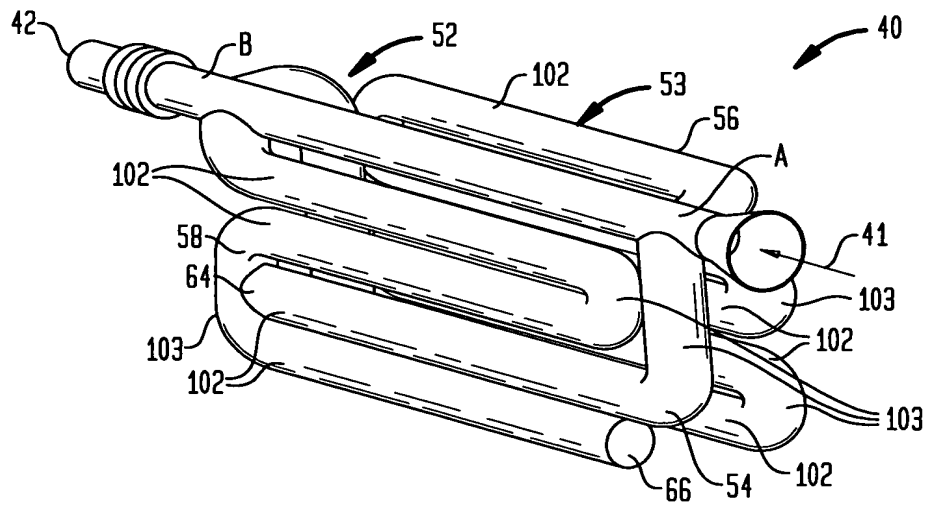
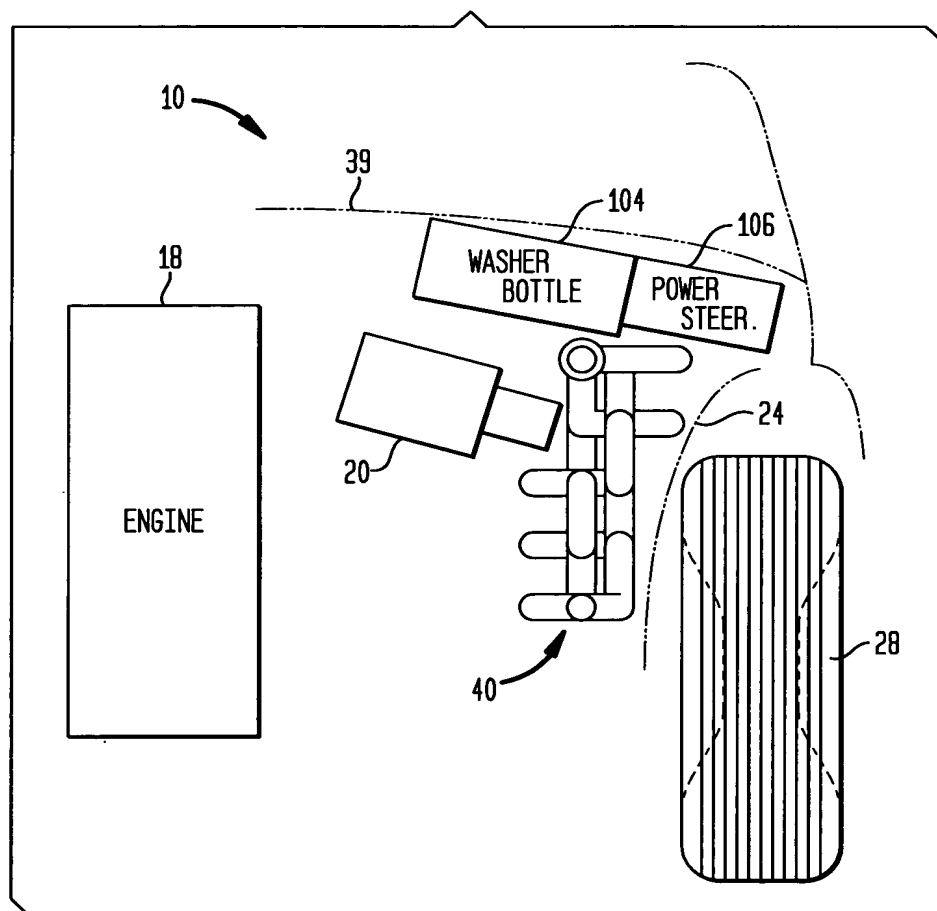
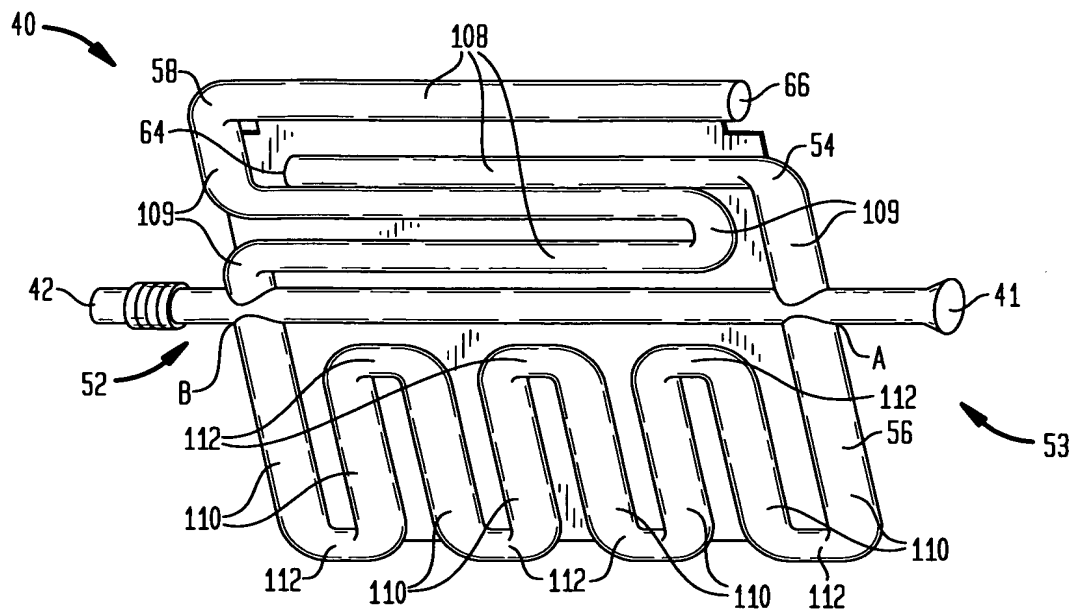


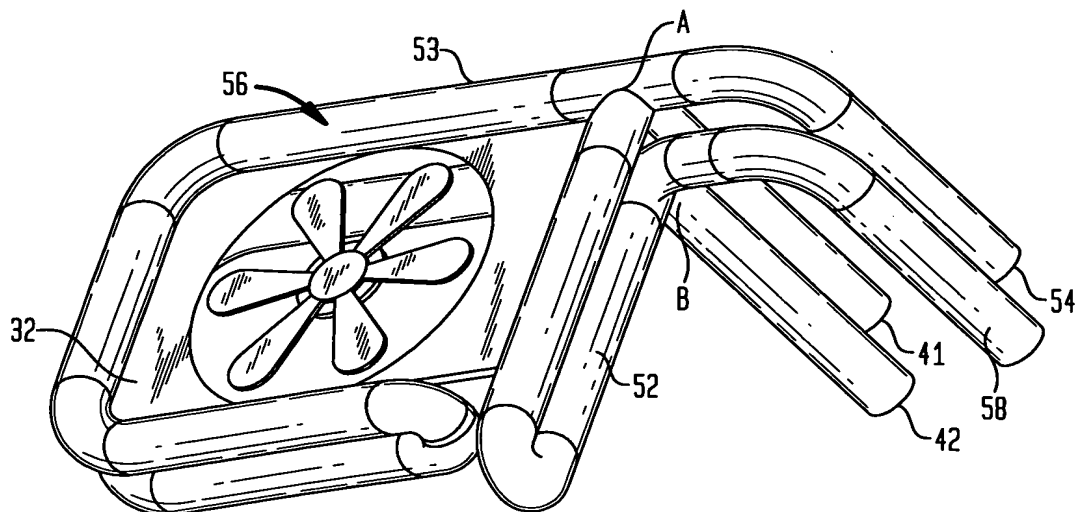
FIG. 11



**FIG. 12**



**FIG. 13**





**FIG. 14**

